IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the present application:

1. (Currently amended) A method of displaying a plurality of thumbnail images on a display unit, the method comprising:

(a) storing in a storage unit a plurality of first compressed codes relating to [[an]] a plurality of images, each of the plurality of first compressed codes being generated by dividing the image into a plurality of tiles and performing discrete wavelet transform and hierarchical encoding on pixel values of the image tile by tile, wherein ~~the first compressed code is contained in a data file, and a~~ the plurality of thumbnail images are capable of being generated from the first compressed codes by extracting different portions of the first compressed codes;

(b) setting a plurality of resolutions of the plurality of thumbnail images in accordance with the format types of [[the]]a plurality of data files;

(c) extracting a plurality of second compressed codes according to the plurality of resolutions from the first compressed codes stored in the storage unit to select the plurality of thumbnail images with the plurality of resolutions; and

(d) displaying, in a single view, the plurality of thumbnail images based on the plurality of second compressed codes, wherein the displayed thumbnail images have

different resolutions and correspond to the plurality of data files of different format types.

2. (Currently amended) A server computer causing a plurality of thumbnail images to be displayed on a display unit of a client computer in accordance with an instruction therefrom, the client computer being connected to the server computer via a network, the server computer comprising:

a thumbnail image storage unit to store in a storage unit a plurality of first compressed codes relating to [[an]] a plurality of images, each of the plurality of first compressed codes being generated by dividing the image into a plurality of tiles and performing discrete wavelet transform and hierarchical encoding on pixel values of the image tile by tile, wherein ~~the first compressed code is contained in a data file, and a~~ the plurality of thumbnail images are capable of being generated from the first compressed codes by extracting different portions of the first compressed codes;

a thumbnail image setting acquisition unit to acquire from the client computer a plurality of resolutions of the plurality of thumbnail images, the resolutions being set in accordance with the format types of [[the]] a plurality of data files;

a thumbnail image extraction unit to extract a plurality of second compressed codes according to the plurality of resolutions acquired by the thumbnail image setting

acquisition unit from the first compressed codes stored in the storage unit to select the plurality of thumbnail images with the resolutions; and

a thumbnail image transmission unit to transmit the plurality of second compressed codes extracted by the thumbnail image extraction unit to the client computer,

wherein the plurality of thumbnail images are displayed in a single view by the client computer based on the plurality of second compressed codes, and the displayed thumbnail images have different resolutions and correspond to the plurality of data files of different format types.

3. (Currently amended) The server computer as claimed in claim 2, wherein when a region of interest (ROI) is specified with respect to the data file, the thumbnail image extraction unit extracts the plurality of second compressed codes according to the plurality of resolutions set in the thumbnail image setting acquisition unit from part of the first compressed codes stored in the storage unit, the part of the first compressed codes relating to a tile of the ROI.

4. (Currently amended) The server computer as claimed in claim 2, wherein the thumbnail image extraction unit extracts the plurality of second compressed codes from

only a luminance component of the plurality of first compressed codes stored in the storage unit depending on the format types of the data files.

5. (Currently amended) A client computer displaying a plurality of thumbnail images of a plurality of data files stored in a storage unit of a server computer on a display unit, the server computer being connected to the client computer via a network, the client computer comprising:

a thumbnail image setting unit to set a plurality of resolutions of the plurality of thumbnail images in accordance with the format types of the plurality of data files, each format type being associated with one or more resolutions such that setting the resolution selects the plurality of thumbnail images from ~~a plurality of~~ thumbnail images that may be generated from a plurality of compressed codes related to [[an]]a plurality of images; and

a thumbnail image setting transmission unit to transmit the resolutions set by the thumbnail image setting unit to the server computer,

wherein the plurality of thumbnail images are displayed in a single view by the client computer, and the displayed thumbnail images have different resolutions and correspond to the plurality of data files of different format types.

6. (Original) The client computer as claimed in claim 5, wherein the server computer is a server computer as set forth in claim 2.

7. (Currently amended) The client computer as claimed in claim 5, wherein in a case of receiving from the server computer a plurality of second compressed codes according to the resolutions set by the thumbnail image setting unit extracted from part of each of a plurality of first compressed codes stored in the storage unit, the part of each of the plurality of the first compressed codes relating to a tile of an ROI, the plurality of thumbnail images include[[s]] an image enlarged in accordance with the format types of the data files.

8. (Currently amended) A computer-readable recording medium storing a program for causing a server computer to execute a method of displaying a plurality of thumbnail images of a plurality of data files stored in a storage unit of the server computer on a display unit of a client computer in accordance with an instruction therefrom, the client computer being connected to the server computer via a network, the method comprising:

(a) acquiring from the client computer a plurality of resolutions of the plurality of thumbnail images, the plurality of resolutions being set in accordance with the format types of the plurality of data files;

(b) extracting a plurality of second compressed codes according to the resolutions from a plurality of first compressed codes ~~contained in the data file~~ stored in the storage unit to select the plurality of thumbnail images with the resolutions, wherein the[[a]] plurality of thumbnail images are capable of being generated from the first compressed codes by extracting different portions of the first compressed codes, the first compressed codes relating to [[an]] a plurality of images for displaying the plurality of thumbnail images of the data files and being generated by dividing the plurality of images into a plurality of tiles and performing discrete wavelet transform and hierarchical encoding on pixel values of the plurality of images tile by tile; and

(c) transmitting the plurality of second~~first~~ compressed codes to the client computer,

wherein the plurality of thumbnail images are displayed in a single view by the client computer, and the displayed thumbnail images have different resolutions and correspond to the plurality of data files of different format types.

9. (Currently amended) The computer-readable recording medium as claimed in claim 8, wherein when an ROI is specified with respect to [[the]] a data file, [[the]] a corresponding second compressed code is extracted according to [[the]] a corresponding resolution ~~acquired~~ from part of [[the]] a corresponding first compressed code stored in the storage unit that is related to a tile of the ROI.

10. (Currently amended) The computer-readable recording medium as claimed in claim 8, wherein extracting the first compressed codes from only a luminance component of the second compressed codes stored in the storage unit depending on the format types of the data files.

11. (Currently amended) A computer-readable recording medium storing a program for causing a client computer to execute a method of displaying a plurality of thumbnail images on a display unit, the server computer being connected to the client computer via a network, the method comprising:

(a) setting a plurality of resolutions of the plurality of thumbnail images in accordance with the format types of [[the]] a plurality of data files, each format type being associated with one or more resolutions thereby selecting each of the plurality of thumbnail images from ~~a plurality of~~ thumbnail images that may be generated from a compressed code related to an image; and

(b) transmitting the resolutions set to the server computer,

wherein the plurality of thumbnail images are displayed in a single view by the client computer, and the displayed thumbnail images have different resolutions and correspond to the plurality of data files of different format types.

12. (Currently amended) The computer-readable recording medium as claimed in claim 11, wherein in a case of receiving from the server computer a plurality of second compressed codes according to the resolutions extracted from part of a plurality of first compressed codes stored in the storage unit, the part of the plurality of the first compressed codes relating to a tile of an ROI, the thumbnail images include[[s]] an image enlarged in accordance with the format types of the data files.

13. (Newly added) The method of claim 1, wherein the plurality of data files include a text file and an image file, and a thumbnail image displayed in the single view for the text file has a display size larger than a display size of a thumbnail image displayed in the single view for the image file.

14. (Newly added) The server computer of claim 2, wherein the plurality of data files include a text file and an image file, and a thumbnail image displayed in the single view for the text file has a display size larger than a display size of a thumbnail image displayed in the single view for the image file.

15. (Newly added) The client computer of claim 5, wherein the plurality of data files include a text file and an image file, and a thumbnail image displayed in the single view

for the text file has a display size larger than a display size of a thumbnail image displayed in the single view for the image file.

16. (Newly added) The computer readable recording medium of claim 8, wherein the plurality of data files include a text file and an image file, and a thumbnail image displayed in the single view for the text file has a display size larger than a display size of a thumbnail image displayed in the single view for the image file.

17. (Newly added) The computer readable recording medium of claim 11, wherein the plurality of data files include a text file and an image file, and a thumbnail image displayed in the single view for the text file has a display size larger than a display size of a thumbnail image displayed in the single view for the image file.